

ENG. PROJECT NO. GH:R54:14-1

PORTION OF: SECT. 31, T 15 N, R 10 W

REFERENCE NUMBER:
 APPLICANT:
 WASHINGTON DEPT. of FISH & WILDLIFE
 600 CAPITOL WAY N.
 OLYMPIA, WA 98501-1091

PROJECT LOCATION (ADDRESS):
 JOHNS RIVER WILDLIFE AREA
 HIGHWAY 105
 RAYMOND, WA

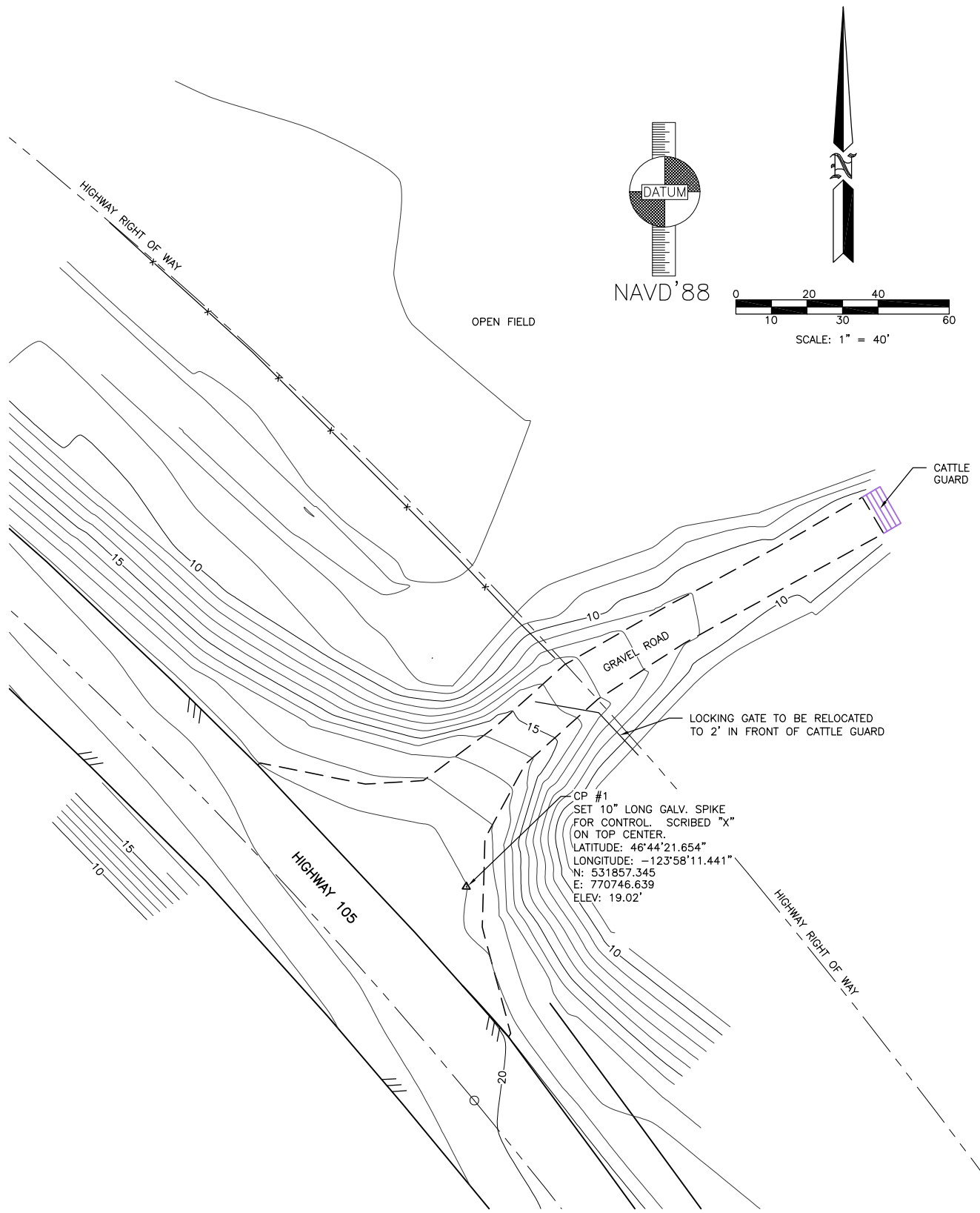
PROPOSED PROJECT:
 CEDAR RIVER PARKING AREA

ADJACENT PROPERTY OWNER:

LAT/LONG: 46.7397/-123.9698

IN: CEDAR RIVER
 NEAR/AT: RAYMOND
 COUNTY: GRAYS HARBOR
 STATE: WA

DATUM: NAVD 88
 SHEET 1 OF 7 DATE: 9/18/2014



EXISTING SITE PLAN
SCALE: 1" = 40'

REFERENCE NUMBER:
APPLICANT NAME:
WASHINGTON DEPT. of FISH & WILDLIFE
PROPOSED PROJECT:
CEDAR RIVER PARKING AREA
LOCATION: **JOHNS RIVER WILDLIFE AREA**
SHEET **2** OF **7** DATE: **9/18/2014**

DATA PLOT POINTS

| POINT # | DESCRIPTION | NORTHING | EASTING |
|---------|-------------|-----------|-----------|
| 111 | DP1 | 532101.76 | 770763.59 |
| 112 | DP2 | 532097.13 | 770868.79 |
| 113 | DP3 | 532034.74 | 770710.45 |
| 114 | DP4 | 531931.08 | 770743.53 |
| 115 | DP5 | 531919.60 | 770755.57 |

DP1

DP2

DP3

DP4

DP5

WL11

WL1

WETLAND BOUNDARY

WL4

WL2

WL3

WL6

WL5

WL10

WL9

WL8

WL7

CP #1
SET 10" LONG GALV. SPIKE
FOR CONTROL. SCRIBED "X"
ON TOP CENTER.
LATITUDE: 46°44'21.654"
LONGITUDE: -123°58'11.441"
N: 531857.345
E: 770746.639
ELEV: 19.02'

GRAVEL ROAD

CATTLE
GUARD

HIGHWAY 105

HIGHWAY RIGHT OF WAY

WETLAND BOUNDARY POINTS

| POINT # | DESCRIPTION | NORTHING | EASTING |
|---------|-------------|-----------|-----------|
| 116 | WL1 | 532005.28 | 770882.31 |
| 117 | WL2 | 531970.17 | 770850.65 |
| 118 | WL3 | 531971.05 | 770830.62 |
| 119 | WL4 | 531974.91 | 770825.77 |
| 120 | WL5 | 531954.16 | 770799.76 |
| 121 | WL6 | 531954.93 | 770782.22 |
| 122 | WL7 | 531937.81 | 770756.37 |
| 123 | WL8 | 531920.26 | 770740.54 |
| 124 | WL9 | 531920.70 | 770730.52 |
| 125 | WL10 | 531925.44 | 770705.64 |
| 126 | WL11 | 532017.30 | 770609.30 |

WETLAND BOUNDARY PLAN

SCALE: 1" = 40'

REFERENCE NUMBER:

APPLICANT NAME:

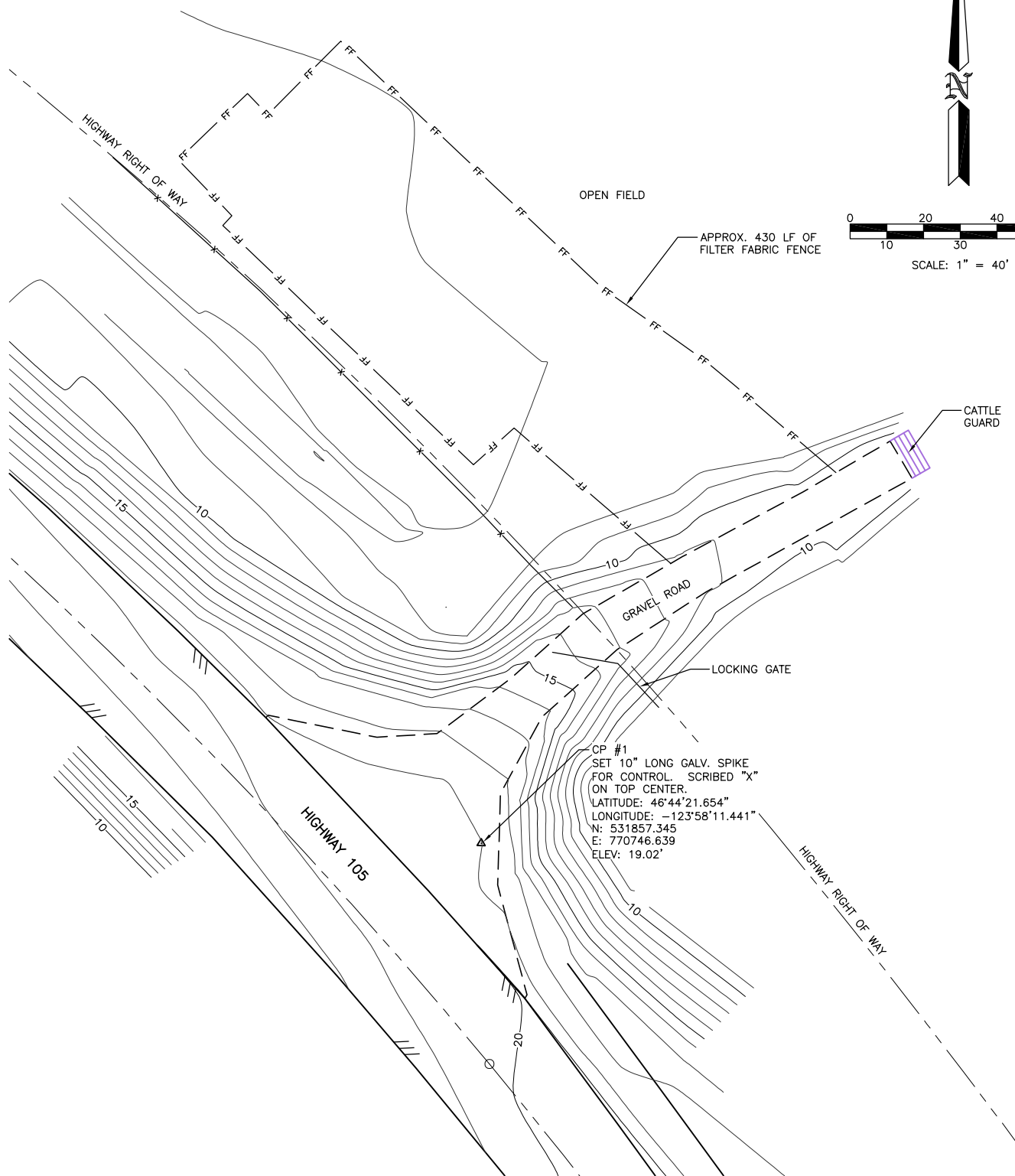
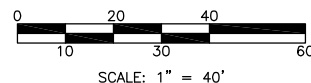
WASHINGTON DEPT. of FISH & WILDLIFE

PROPOSED PROJECT:

CEDAR RIVER PARKING AREA

LOCATION: JOHNS RIVER WILDLIFE AREA

SHEET 3 OF 7 DATE: 9/18/2014



EROSION CONTROL PLAN

SCALE: 1" = 40'

NOTE:

DISTURBED AREAS TO BE GRASS SEEDED AND MULCHED.

REFERENCE NUMBER:

APPLICANT NAME:

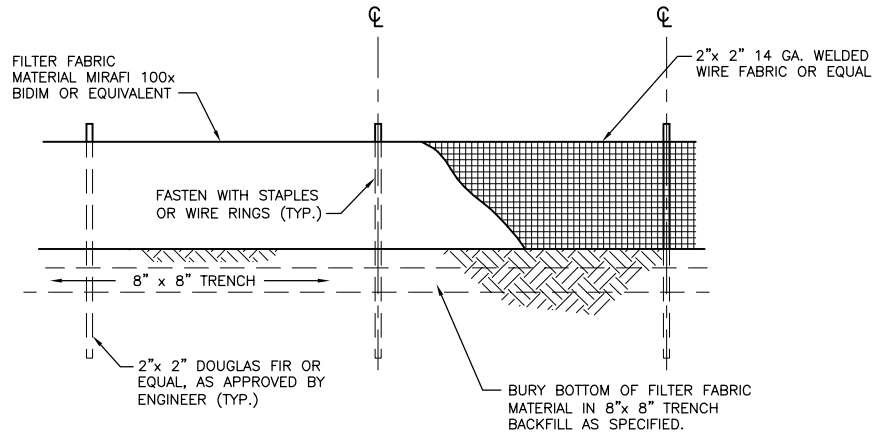
WASHINGTON DEPT. of FISH & WILDLIFE

PROPOSED PROJECT:

CEDAR RIVER PARKING AREA

LOCATION: JOHNS RIVER WILDLIFE AREA

SHEET 4 OF 7 DATE: 9/18/2014



FILTER FABRIC FENCE (FF)

SCALE: NONE

FILTER FABRIC NOTES:

1. FILTER FABRIC SHALL BE PURCHASED CONTINUOUS ROLL CUT TO LENGTH OF BARRIER AS NEEDED. IF JOINTS ARE NECESSARY FABRIC SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POSTS WITH A MINIMUM OF (6) INCH OVERLAP. BOTH ENDS SHALL BE SECURED AS REQUIRED.
2. FILTER FABRIC SHALL BE INSTALLED TO FOLLOW CONTOURS. FENCE POSTS SHALL BE SPACED A MAXIMUM OF EIGHT (8) FEET APART UNLESS OTHERWISE SHOWN HEREIN. ALL POSTS SHALL BE DRIVEN INTO THE GROUND A MINIMUM OF 30 INCHES.
3. A TRENCH SHALL BE EXCAVATED, ROUGHLY EIGHT (8) INCHES WIDE BY EIGHT (8) INCHES DEEP UP SLOPE AND ADJACENT TO THE POST TO ALLOW THE FILTER FABRIC TO BE BURIED.
4. WHEN STANDARD STRENGTH FILTER FABRIC IS UTILIZED, A WIRE SINGLE SPACE MESH SUPPORT FENCE SHALL BE FASTENED TO THE UPSLOPE (OR UPSTREAM) SIDE OF THE POSTS USING ONE (1) INCH MINIMUM LENGTH WIRE STAPLES, TIE WIRE OR APPROVED HOG RINGS. ALL WIRE SUPPORT SHALL EXTEND INTO THE TRENCH A MINIMUM OF FOUR (4) INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE ORIGINAL GRADE.
5. ALL FILTER FABRIC SHALL BE STAPLED OR WIRED TO SUPPORT FENCING AND A MINIMUM OF 20 INCHES OF FABRIC SHALL BE EXTENDED INTO THE TRENCH. FILTER FABRIC SHALL NOT BE STAPLED OR FASTENED TO EXISTING TREES OR STRUCTURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
6. IF HIGH STRENGTH FILTER FABRIC AND CLOSER SPACING ARE USED, THE WIRE SUPPORT FENCING MAY BE ELIMINATED. HIGH STRENGTH FABRIC SHALL BE STAPLED OR WIRED DIRECTLY TO POSTS AS REQUIRED BY THE ENGINEER.
7. CUTOFF TRENCH SHALL BE BACKFILLED WITH 3/4 INCH MINIMUM DIAMETER WASHED GRAVEL OR OTHER SIMILAR SOURCE AS APPROVED BY THE ENGINEER.
8. FILTER FENCING SHALL BE INSTALLED WHERE SHOWN ON THE PLAN, OR AS MARKED IN THE FIELD BY THE ENGINEER, PRIOR TO COMMENCEMENT OF WORK. ALL FENCING SHALL BE INSPECTED DAILY DURING CONSTRUCTION AND AFTER EACH SIGNIFICANT RAINFALL EVENT UNTIL SITE HAS BEEN PERMANENTLY STABILIZED. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
9. REMOVAL OF TRAPPED SEDIMENT SHALL BE PERFORMED WHEN AMOUNTS REACH APPROXIMATELY 1/3 HEIGHT OF THE FENCE.
10. FILTER FENCING SHALL REMAIN IN-PLACE UNTIL SITE HAS BEEN REVEGETATED TO ORIGINAL CONDITION OR DIRECTED BY THE ENGINEER.

REFERENCE NUMBER:

APPLICANT NAME:

WASHINGTON DEPT. of FISH & WILDLIFE

PROPOSED PROJECT:

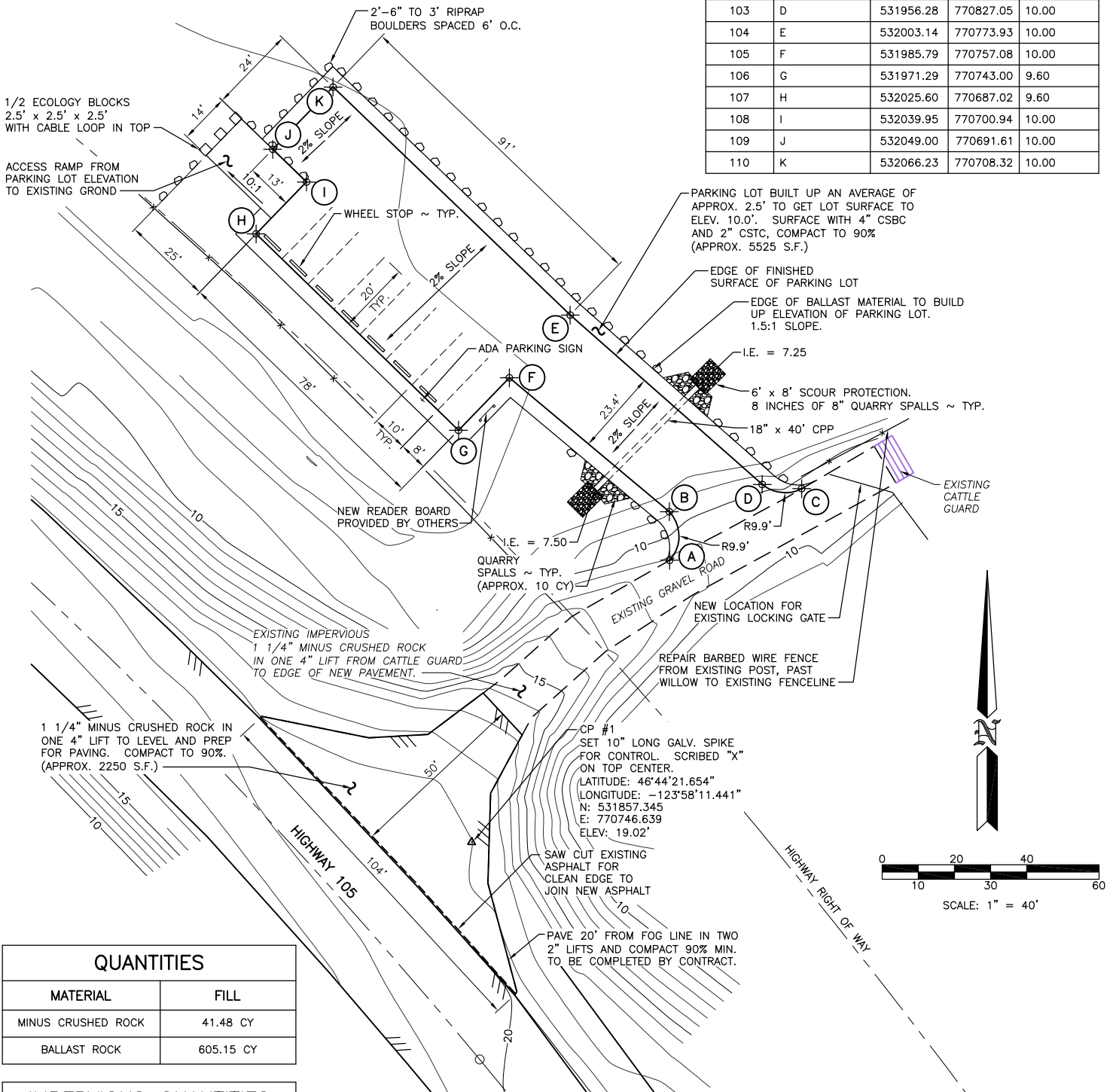
CEDAR RIVER PARKING AREA

LOCATION: JOHNS RIVER WILDLIFE AREA

SHEET 5 OF 7 DATE: 9/18/2014

POINT DATA

| POINT # | DESCRIPTION | NORTHING | EASTING | ELEVATION |
|---------|-------------|-----------|-----------|-----------|
| 100 | A | 531935.32 | 770801.40 | 10.00 |
| 101 | B | 531948.75 | 770801.35 | 10.00 |
| 102 | C | 531955.13 | 770837.98 | 10.00 |
| 103 | D | 531956.28 | 770827.05 | 10.00 |
| 104 | E | 532003.14 | 770773.93 | 10.00 |
| 105 | F | 531985.79 | 770757.08 | 10.00 |
| 106 | G | 531971.29 | 770743.00 | 9.60 |
| 107 | H | 532025.60 | 770687.02 | 9.60 |
| 108 | I | 532039.95 | 770700.94 | 10.00 |
| 109 | J | 532049.00 | 770691.61 | 10.00 |
| 110 | K | 532066.23 | 770708.32 | 10.00 |



QUANTITIES

| MATERIAL | FILL |
|--------------------|-----------|
| MINUS CRUSHED ROCK | 41.48 CY |
| BALLAST ROCK | 605.15 CY |

IMPERVIOUS QUANTITIES

| MATERIAL | ACREAGE |
|----------------------------|---------------|
| EXISTING IMPERVIOUS | 0.08772 ACRES |
| NEW IMPERVIOUS | 0.17849 ACRES |
| FULL LOT SIZE = 32.1 ACRES | |

SITE PLAN

SCALE: 1" = 40'

NOTES:

1. REMOVE EXISTING VEGETATION AND ORGANIC SOILS AND DISPOSE OF IN WASTE AREA PRIOR TO CONSTRUCTION OF FILL.
2. LAYER OF MIRAFI OR EQUIVALENT GEOTEXTILE ON NATIVE SOIL PRIOR TO PLACEMENT OF FILL. INSTALL PER MANUFACTURER INSTRUCTIONS.

REFERENCE NUMBER:

APPLICANT NAME:

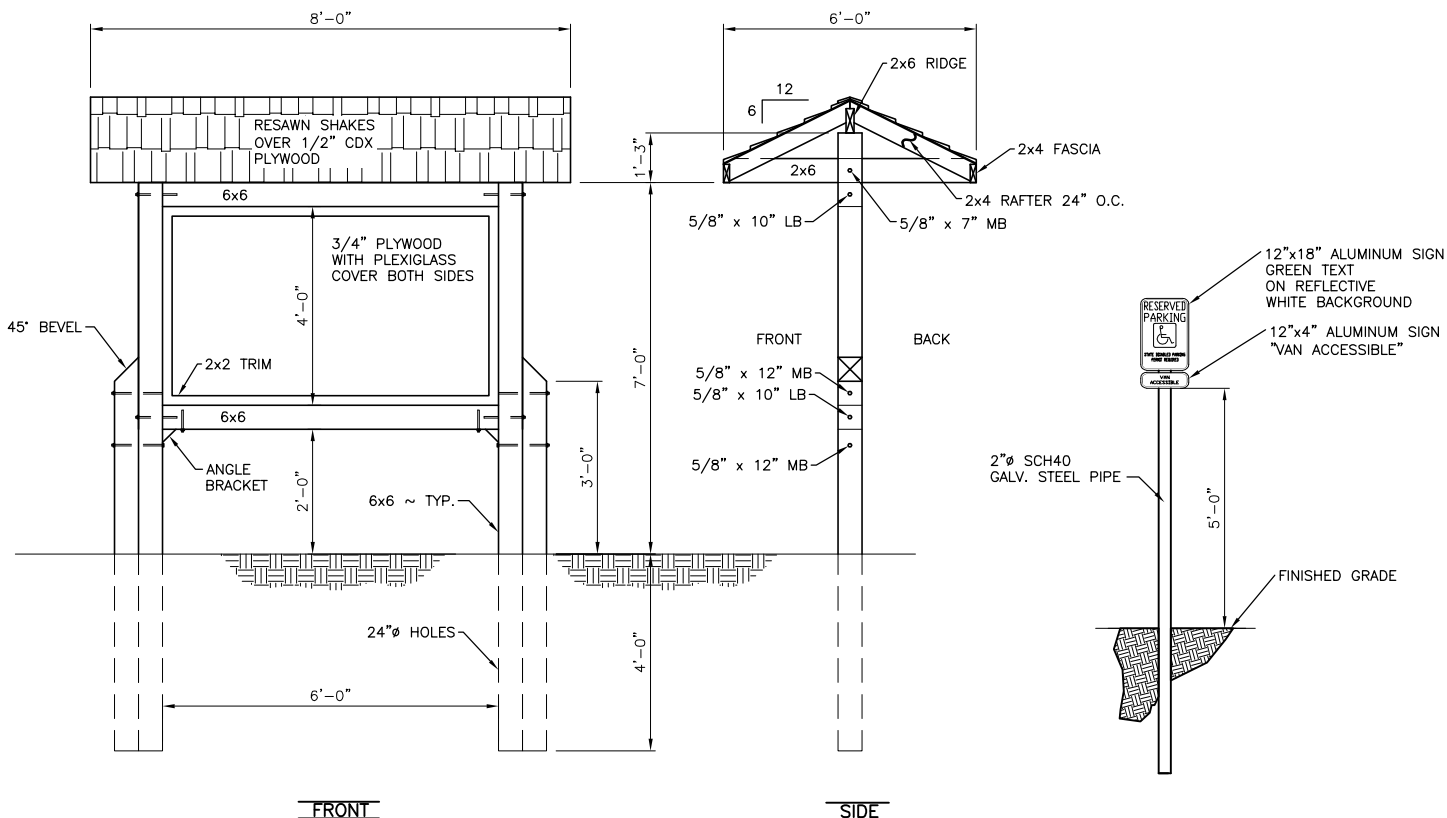
WASHINGTON DEPT. of FISH & WILDLIFE

PROPOSED PROJECT:

CEDAR RIVER PARKING AREA

LOCATION: JOHNS RIVER WILDLIFE AREA

SHEET 6 OF 7 DATE: 9/18/2014

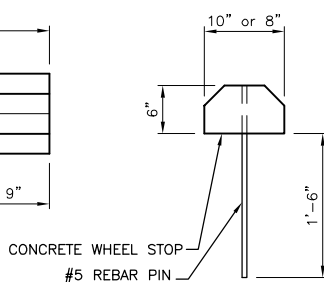
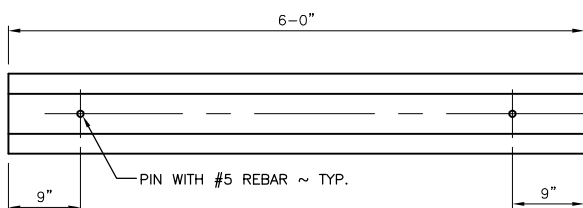
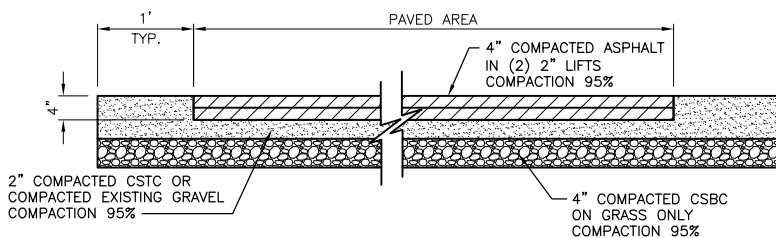
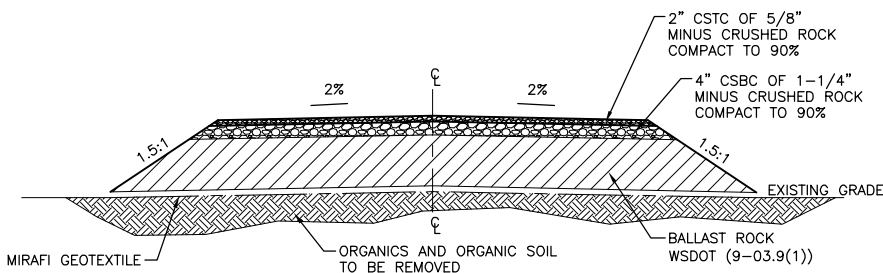


READER BOARD

NOT TO SCALE

NOTE:

1. ALL BOLTS, NUTS, AND HARDWARE, GALVANIZED
2. ALL PLYWOOD CDX.
3. ALL LUMBER DOUGLAS FIR CONSTRUCTION GRADE.
4. ALL LUMBER SHALL BE PRESSURE TREATED AS PER WASHINGTON STATE HIGHWAY SPECIFICATIONS.
5. ALL 6x6 LUMBER ROUGH CUT. ALL OTHER LUMBER(S4S).



REFERENCE NUMBER:

APPLICANT NAME:

WASHINGTON DEPT. of FISH & WILDLIFE

PROPOSED PROJECT:

CEDAR RIVER PARKING AREA

LOCATION: JOHNS RIVER WILDLIFE AREA

SHEET 7 OF 7 DATE: 9/18/2014